PTO/S8/08a (07-09)

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Substitute for form 1449/PTO			Complete If Known		
	INFORMATION DISCLOSURE			Application Number	10/551,895
				Filing Date	2004-04-06
STATI	STATEMENT BY APPLICANT		First Named Inventor	PROCTOR JR.; James A.;	
(free en	(Use as many sheets as necessary)			Art Unit	Unknown
,020 88				Examiner Name Unknown	
Sheet 1 of 4			4	Attorney Docket No: 080	501

U.S. PATENT DOCUMENTS						
Examiner Initials*		Document Number			Pages, Columns,	
	Cite No.1	Number-Kind Code ^{2(F} known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	
	001	US4777653	10-11-1988	BONNEROT; et al.		
	002	US5333175	07-26-1994	ARIYAVISITAKUL; et al.		
	003	US5383144	01-17-1995	KATO; Shiro		
	004	US5825809	10-20-1998	SIM; Bok-tae		
	005	US7230935	06-12-2007	PROCTOR; Jr. et al.		
	006	U\$20060019603	01-26-2006	PERGAL: Frank:		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cita No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentae or Applicant of Cited Document	Pages, Columna, Linas, Where Relavant Passagas or Relevant Figurea Appear	Γ
		Country Code ³⁻ Number Kind Coda ⁵ (if known)				6
	007	EP0847146A2	06-10-1998	NEC CORP [JP]		0
	008	JP10032557A	02-03-1998	NEC CORP.		E
	009	JP2000082983A	03-21-2000	KOKUSAI ELECTRIC CO LTD.		E
	010	JP2001111575A	04-20-2001	MATSUSHITA ELECTRIC IND CO LTD.		6
	011	WO2004001986A2	12-31-2003	TANTIVY COMM INC [US]		C
	012	WO9858461A1	12-23-1998	ERICSSON TELEFON AB L M [SE]		-
	013	EP0709973A1	05-01-1996	NTT MOBILE COMMUNICATIONS NETWORK INC.		c

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	Filing Date First Named Inventor Art Unit

FOREIGN PATENT DOCUMENTS Foreign Patent Pages, Columns, Document Lines, Where Publication Examiner Cite Name of Patentee or т Relevant Country Code³ Date Initiale* No. Applicant of Cited Document Passages or Number Kind Code lif MMLDD,YYYY Relevant Figures known) Appear FP0715423 014 08-05-1098 AT & T CORP (US) NTT MOBILE 015 EP0853393A1 07-15-1998 COMMUNICATIONS **NETWORK INC** 016 GB2351420A 12-27-2000 MOTOROLATED 017 JP05102907 04-23-1993 FUJITSU LTD Ø 018 JP09182155 07-11-1997 HITACHI LTD. Ø NIPPON TELEGR & 019 JP2002111571A 04-12-2002 TELEPH CORP. 020 JP200502218T 02-22-2000 QUALCOMM INC. Ø 021 JP09-018484 01-17-1997 TEC CORP × 022 JP63160442 07-04-1988 HITACHI DENSHI LTD. Ø BERKELEY CONCEPT 023 WO0050971A2 08-31-2000 Ø RESEARCH CORP IUST 024 WOOMSSES 04-15-2004 WIDEFI, INC. 025 WO04038958 05-06-2004 WIDEFI. INC. RRITISH 026 WO92014339 08-20-1992 **TELECOMMUNICATIONS** 027 WO97034434 09-18-1997 MOTOROLA INCIUSI

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Sheet 3 of 4 Attorney Bocket No. 080501					
from an usery asserts as consequently				Examiner Name	Unknown
// Property	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Art Unit	Unknown
STAT				First Named Inventor	PROCTOR JR.; James A.;
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Substitute for form 1449/PTO			Complete # Known		

FORFIGN PATENT DOCUMENTS Foreign Patent Pages, Columns, Document Lines, Where Publication Examiner Cite Name of Patentee or Relevant Į Country Code³ Date Initials* No. Applicant of Cited Document Passages or Number Kind Code lif MM.DD.YYYY Relevant Figures known) Appear

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where publisher.	T2		
	031	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands. IEEE P802 16E/D12, Oct 2005.	0		
	032	Translation of Office Action in Japanese application 2004-544751, corresponding to US application 10/531,078, citing WO00050971, JP2002-111571, JP05-102907, JP63-180442, JP2000-502218, JP10-032557 and JP2000-082983. Dated 2009-10-16 (080590JP)	0		
	033	Translation of Office Action in Japanese application 2004-585505, corresponding to US application 10/583,471, citing JP08-097762 and JP2001-111575. Dated 2009-09-09 (080589JP)	0		
	034	Translation of Office Action in Japanese application 2004-553510, corresponding to US application 10/533,589, citing WO00050971 and JP09-182155. Dated 2009-11-26 (080588JP.)	0		
		Translation of Office Action in Japanese application 2004-565505, corresponding to US			

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application 10/563,471, citing JP09-018484. Dated 2010-03-26 (080589JP)

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